

=> d his full

(FILE 'HOME' ENTERED AT 10:33:41 ON 16 JAN 2007)

FILE 'HCAPLUS' ENTERED AT 10:33:50 ON 16 JAN 2007

E US2006-568614/APPS

L1 1 SEA ABB=ON PLU=ON US2006-568614/AP

E WO2004-JP12139/APPS

L2 1 SEA ABB=ON PLU=ON (WO2004-JP12139/AP OR WO2004-JP12139/PRN)

L3 1 SEA ABB=ON PLU=ON (L1 OR L2)

D SCAN

FILE 'STNGUIDE' ENTERED AT 10:34:25 ON 16 JAN 2007

FILE 'REGISTRY' ENTERED AT 10:35:46 ON 16 JAN 2007

L4 1 SEA ABB=ON PLU=ON 75-65-0

D BROWSE

FILE 'REGISTRY' ENTERED AT 10:36:10 ON 16 JAN 2007

L5 STR 75-65-0

L6 920 SEA FAM FUL L5

L7 920 SEA ABB=ON PLU=ON (L4 OR L6)

L8 1 SEA ABB=ON PLU=ON 115-11-7

D BROWSE

FILE 'REGISTRY' ENTERED AT 10:36:55 ON 16 JAN 2007

L9 STR 115-11-7

L10 2319 SEA FAM FUL L9

L11 2319 SEA ABB=ON PLU=ON (L8 OR L10)

FILE 'STNGUIDE' ENTERED AT 10:38:37 ON 16 JAN 2007

FILE 'REGISTRY' ENTERED AT 10:41:29 ON 16 JAN 2007

E WATER/CN

L12 1 SEA ABB=ON PLU=ON WATER/CN

L*** DEL 1 S 264877-62-5

D BROWSE

FILE 'HCAPLUS' ENTERED AT 10:42:31 ON 16 JAN 2007

L13 25017 SEA ABB=ON PLU=ON L7

E TERTIARY BUTYL ALCOHOL/CT

E T-BUTYL ALCOHOL/CT

E BUTYL ALCOHOL/CT

L14 376 SEA ABB=ON PLU=ON (T OR TERTIARY?) (3A) BUTYL ALCOHOL?

L15 25096 SEA ABB=ON PLU=ON (L13 OR L14)

L16 44425 SEA ABB=ON PLU=ON L11

L17 14047 SEA ABB=ON PLU=ON TERT(3A) BUTYL ALCOHOL? OR T(2A) (BUTANOL)

OR TERT(2A) BUTANOL OR TRIMETHYLCARBINOL OR TRIMETHYLMETHANOL

L18 27427 SEA ABB=ON PLU=ON (L15 OR L17)

E ISOBUTYLENE/CT

E E3+ALL

L19 16762 SEA ABB=ON PLU=ON ISOBUTYLENE/CT

FILE 'STNGUIDE' ENTERED AT 10:46:23 ON 16 JAN 2007

FILE 'HCAPLUS' ENTERED AT 11:24:40 ON 16 JAN 2007

E ISOBUTYLENE/CT

L20 31339 SEA ABB=ON PLU=ON ISOBUTYLENE? OR ISO(2A) (BUTYLENE OR BUTENE) OR (2 OR TWO) (2A) (METHYLPROPYLENE OR METHYLPROPENE) OR

ISOBUTENE OR ISOBUTYLENE OR ISOPROPYLIDENEMETHYLENE

L21 53019 SEA ABB=ON PLU=ON (L16 OR L19 OR L20)

L22 380789 SEA ABB=ON PLU=ON L12
E WATER/CT
E E3+ALL

L23 381668 SEA ABB=ON PLU=ON WATER+NT/CT

L24 2547895 SEA ABB=ON PLU=ON WATER OR H2O OR H(2A) (2 OR TWO) (2A) (O OR O2)

L25 2571819 SEA ABB=ON PLU=ON (L22 OR L23 OR L24)

L26 450 SEA ABB=ON PLU=ON L18 AND L21 AND L25

FILE 'STNGUIDE' ENTERED AT 11:28:05 ON 16 JAN 2007

FILE 'REGISTRY' ENTERED AT 11:28:16 ON 16 JAN 2007

E POLYSTYRENESULFONIC ACID/CN
E PHENOLSULFONIC ACID/CN

L27 1 SEA ABB=ON PLU=ON "PHENOLSULFONIC ACID"/CN
E PERFLUOROSULFONIC ACID/CN

L28 1 SEA ABB=ON PLU=ON PERFLUOROSULFOLANE/CN
E POLYSTYRENESULFO/CN

L29 1 SEA ABB=ON PLU=ON "POLYSTYRENESULFONIC ACID MAGNESIUM SALT"/CN
E POLYSTYRENESULFONIC/CN
E POLYSTYRENESULFONA/CN

L30 3 SEA ABB=ON PLU=ON (L27 OR L28 OR L29)
D RN 1-3

L31 0 SEA ABB=ON PLU=ON 42060-64-0/CRN

L32 0 SEA ABB=ON PLU=ON 37286-95-6/CRN

L33 238 SEA ABB=ON PLU=ON 1333-39-7/CRN

L34 241 SEA ABB=ON PLU=ON (L27 OR L28 OR L29 OR L30 OR L31 OR L32 OR L33)

FILE 'HCAPLUS' ENTERED AT 11:30:52 ON 16 JAN 2007

L35 1305 SEA ABB=ON PLU=ON L34
E CATION EXCHANGE RESIN/CT
E E3+ALL
E E2+ALL

L36 22199 SEA ABB=ON PLU=ON "CATION EXCHANGERS"+OLD,NT/CT
E CATION EXCHANGE RESIN/CT
E E10+ALL

L37 1505 SEA ABB=ON PLU=ON "CATION EXCHANGERS (L) CATALYSTS"/CT
E CATION EXCHANGE RESIN/CT

L38 16125 SEA ABB=ON PLU=ON CATION EXCHANGE(5A) (RESIN? OR CATALYST?)

L39 33025 SEA ABB=ON PLU=ON (L36 OR L37 OR L38)

L40 3634 SEA ABB=ON PLU=ON POLYSTYRENESULFONIC ACID? OR PHENOLSULFONIC ACID? OR PERFLUOROSULFONIC ACID?
E POLYSTYRENESULFONIC ACID/CT
E E4+ALL
E E2+ALL

L41 4 SEA ABB=ON PLU=ON "SYNTHETIC POLYMERIC FIBERS (L) STYRENESULFONIC ACID"/CT
E PHENOLSULFONIC ACID
E PHENOLSULFONIC ACID/CT
E E3+ALL

L42 861 SEA ABB=ON PLU=ON "PHENOLSULFONIC ACID"/CT
E PERFLUOROSULFONIC ACID/CT
E E4+ALL
E E2+ALL

L43 165 SEA ABB=ON PLU=ON "PERFLUORO COMPOUNDS (L) SULFONIC ACIDS"/CT

E SULFONIC ACIDS (L) PERFLUORO/CT

E E3+ALL

L44 510 SEA ABB=ON PLU=ON "SULFONIC ACIDS (L) PERFLUORO"/CT
L45 37218 SEA ABB=ON PLU=ON (L35 OR L36 OR L37 OR L38 OR L39 OR L40 OR
L41 OR L42 OR L43 OR L44)

FILE 'REGISTRY' ENTERED AT 12:35:48 ON 16 JAN 2007

L46 1 SEA ABB=ON PLU=ON 126-33-0
L47 57 SEA ABB=ON PLU=ON 126-33-0/CRN
L48 1 SEA ABB=ON PLU=ON 67-71-0
L49 64 SEA ABB=ON PLU=ON 67-71-0/CRN
L50 1 SEA ABB=ON PLU=ON 64-19-7
L51 29889 SEA ABB=ON PLU=ON 64-19-7/CRN
L52 30013 SEA ABB=ON PLU=ON (L46 OR L47 OR L48 OR L49 OR L50 OR L51)

FILE 'HCAPLUS' ENTERED AT 12:36:21 ON 16 JAN 2007

L53 243202 SEA ABB=ON PLU=ON L52
E SULFOLANE/CT
E E3+ALL
L54 4177 SEA ABB=ON PLU=ON SULFOLANE/CT
E DIMETHYL SULFONE/CT
E E3+ALL
L55 1605 SEA ABB=ON PLU=ON "DIMETHYL SULFONE"/CT
E ACETIC ACID/CT
E E3+ALL
L56 204646 SEA ABB=ON PLU=ON "ACETIC ACID"+NT/CT
L57 252821 SEA ABB=ON PLU=ON SULFONE OR DIMETHYL SULFONE OR ACETIC ACID

L58 447781 SEA ABB=ON PLU=ON (L53 OR L54 OR L55 OR L56 OR L57)
L59 3 SEA ABB=ON PLU=ON L26 AND L45 AND L58
D KWIC
D BIB
D BIB 2
L60 3 SEA ABB=ON PLU=ON (L59 OR L3)
E SULFONES/CT
E E3+ALL
L61 46814 SEA ABB=ON PLU=ON SULFONES+NT/CT
L62 45286 SEA ABB=ON PLU=ON SULFONE?
L63 2 SEA ABB=ON PLU=ON L26 AND L45 AND (L61 OR L62)
L64 3 SEA ABB=ON PLU=ON (L63 OR L59)

FILE 'STNGUIDE' ENTERED AT 12:39:40 ON 16 JAN 2007

FILE 'HCAPLUS' ENTERED AT 12:41:04 ON 16 JAN 2007

FILE 'REGISTRY' ENTERED AT 12:41:15 ON 16 JAN 2007

L65 3 SEA ABB=ON PLU=ON L7 AND MEDLINE/LC
L66 4 SEA ABB=ON PLU=ON L11 AND MEDLINE/LC
L67 1 SEA ABB=ON PLU=ON L12 AND MEDLINE/LC

FILE 'MEDLINE' ENTERED AT 12:41:36 ON 16 JAN 2007

L68 224 SEA ABB=ON PLU=ON L65
E TER-BUTYL ALCOHOL/CT
E TERTIARY/CT
E E4+ALL
E E2+ALL
L69 214 SEA ABB=ON PLU=ON "TERT-BUTYL ALCOHOL"/CT
L70 676 SEA ABB=ON PLU=ON TERT(3A)BUTYL ALCOHOL? OR T(2A) (BUTANOL)
OR TERT(2A)BUTANOL OR TRIMETHYLCARBINOL OR TRIMETHYLMETHANOL
L71 685 SEA ABB=ON PLU=ON (L68 OR L69 OR L70)

L72 72 SEA ABB=ON PLU=ON L66
E ISOBUTYLENE/CT
E D HIS

L73 173 SEA ABB=ON PLU=ON ISOBUTYLENE? OR ISO(2A) (BUTYLENE OR
BUTENE) OR (2 OR TWO) (2A) (METHYLPROPYLENE OR METHYLPROPENE) OR
ISOBUTENE OR ISOBUTYLENE OR ISOPROPYLIDENEMETHYLENE

L74 219 SEA ABB=ON PLU=ON (L72 OR L73)

L75 62209 SEA ABB=ON PLU=ON L12
E WATER/CT
E E3+ALL

L76 93757 SEA ABB=ON PLU=ON WATER+NT/CT

L77 363530 SEA ABB=ON PLU=ON WATER

L78 373151 SEA ABB=ON PLU=ON WATER OR H2O OR H(2A) (2 OR TWO) (2A) (O OR
O2)

L79 381945 SEA ABB=ON PLU=ON (L75 OR L76 OR L77 OR L78)

L80 2 SEA ABB=ON PLU=ON L71 AND L74 AND L79

FILE 'REGISTRY' ENTERED AT 12:44:18 ON 16 JAN 2007

L81 5 SEA ABB=ON PLU=ON L7 AND BIOSIS/LC

L82 7 SEA ABB=ON PLU=ON L11 AND BIOSIS/LC

L83 1 SEA ABB=ON PLU=ON L12 AND BIOSIS/LC

FILE 'BIOSIS' ENTERED AT 12:44:33 ON 16 JAN 2007

L84 456 SEA ABB=ON PLU=ON L81
E TERTIARY/CT
E TERTIARY BUTYL/CT

L85 929 SEA ABB=ON PLU=ON TERT(3A)BUTYL ALCOHOL? OR T(2A) (BUTANOL)
OR TERT(2A)BUTANOL OR TRIMETHYLCARBINOL OR TRIMETHYLMETHANOL

L86 997 SEA ABB=ON PLU=ON (L84 OR L85)

L87 154 SEA ABB=ON PLU=ON L82
E ISOBUTYLENE/CT

L88 192 SEA ABB=ON PLU=ON ISOBUTYLENE? OR ISO(2A) (BUTYLENE OR
BUTENE) OR (2 OR TWO) (2A) (METHYLPROPYLENE OR METHYLPROPENE) OR
ISOBUTENE OR ISOBUTYLENE OR ISOPROPYLIDENEMETHYLENE

L89 257 SEA ABB=ON PLU=ON (L87 OR L88)

L90 13345 SEA ABB=ON PLU=ON L83

L91 665800 SEA ABB=ON PLU=ON WATER OR H2O OR H(2A) (2 OR TWO) (2A) (O OR
O2)
E WATER/CT

L92 665800 SEA ABB=ON PLU=ON (L90 OR L91)

L93 0 SEA ABB=ON PLU=ON L86 AND L89 AND L92

FILE 'REGISTRY' ENTERED AT 12:46:41 ON 16 JAN 2007

L94 1 SEA ABB=ON PLU=ON L7 AND EMBASE/LC

L95 2 SEA ABB=ON PLU=ON L11 AND EMBASE/LC

L96 1 SEA ABB=ON PLU=ON L12 AND EMBASE/LC

FILE 'EMBASE' ENTERED AT 12:47:03 ON 16 JAN 2007

L97 644 SEA ABB=ON PLU=ON L94
E TERTIARY BUTYL/CT

L98 1015 SEA ABB=ON PLU=ON TERT(3A)BUTYL ALCOHOL? OR T(2A) (BUTANOL)
OR TERT(2A)BUTANOL OR TRIMETHYLCARBINOL OR TRIMETHYLMETHANOL

L99 1015 SEA ABB=ON PLU=ON (L97 OR L98)

L100 234 SEA ABB=ON PLU=ON L95
E ISOBUTYLENE/CT
E E3+ALL

L101 198 SEA ABB=ON PLU=ON ISOBUTYLENE/CT

L102 344 SEA ABB=ON PLU=ON ISOBUTYLENE? OR ISO(2A) (BUTYLENE OR
BUTENE) OR (2 OR TWO) (2A) (METHYLPROPYLENE OR METHYLPROPENE) OR
ISOBUTENE OR ISOBUTYLENE OR ISOPROPYLIDENEMETHYLENE

L103 50300 SEA ABB=ON PLU=ON L96
 L104 364169 SEA ABB=ON PLU=ON WATER OR H2O OR H(2A) (2 OR TWO) (2A) (O OR O2)
 E WATER/CT
 E E3+ALL
 L105 50300 SEA ABB=ON PLU=ON WATER/CT
 L106 378 SEA ABB=ON PLU=ON (L100 OR L101 OR L102)
 L107 364169 SEA ABB=ON PLU=ON (L103 OR L104 OR L105)
 L108 4 SEA ABB=ON PLU=ON L99 AND L106 AND L107

FILE 'HCAPLUS' ENTERED AT 12:50:01 ON 16 JAN 2007

E CATALYTIC DISTILLATION /CT
 L109 42 SEA ABB=ON PLU=ON L26 AND L45
 D KWIC
 L110 274544 SEA ABB=ON PLU=ON SULFONE? OR SULFOLANE? OR CARBOXYLIC ACID?
 E CARBOXYLIC ACID/CT
 E E3+ALL
 L111 77689 SEA ABB=ON PLU=ON ("CARBOXYLIC ACID"/CT OR "CARBOXYLIC ACIDS"/CT)
 E CARBOXYLIC ACIDS/CT
 L112 77687 SEA ABB=ON PLU=ON "CARBOXYLIC ACIDS"/CT
 E ORGANIC CARBOXYLIC/CT
 L113 4 SEA ABB=ON PLU=ON L109 AND (L110 OR L111 OR L112)
 D KWIC
 L114 4 SEA ABB=ON PLU=ON (L113 OR L64)

FILE 'STNGUIDE' ENTERED AT 12:53:41 ON 16 JAN 2007

FILE 'HCAPLUS' ENTERED AT 12:53:54 ON 16 JAN 2007

L115 99 SEA ABB=ON PLU=ON CATALYT?(3A)DISTILL?(5A)APPARATUS?
 L116 0 SEA ABB=ON PLU=ON L109 AND L115
 L117 2 SEA ABB=ON PLU=ON CATALYT?(3A)DISTILL? AND L109
 D KWIC
 L118 6 SEA ABB=ON PLU=ON (L117 OR L114)
 L119 32 SEA ABB=ON PLU=ON L109 AND ?ACID?
 D KWIC
 D KWIC 5
 L120 10 SEA ABB=ON PLU=ON L109 NOT L119
 D KWIC
 L121 42 SEA ABB=ON PLU=ON (L109 OR L120 OR L118)
 L122 42 SEA ABB=ON PLU=ON (L121 OR L3)

FILE 'WPIX' ENTERED AT 12:56:31 ON 16 JAN 2007

E TERTIARY BUTYL ALCOHOL/CN

FILE 'REGISTRY' ENTERED AT 14:18:39 ON 16 JAN 2007

D BROWSE L4

FILE 'WPIX' ENTERED AT 14:19:34 ON 16 JAN 2007

E TERTIARY BUTANOL/CN
 L123 1 SEA ABB=ON PLU=ON "TERTIARY BUTANOL"/CN
 D TOT SDCN DCSE
 L124 1167 SEA ABB=ON PLU=ON R00373/DCN
 L125 0 SEA ABB=ON PLU=ON 13-0-0-0/DCRE
 L126 4390 SEA ABB=ON PLU=ON TERT/BIX,ABEX,BIEX,TT(3A)BUTYL ALCOHOL?/BIX
 ,ABEX,BIEX,TT OR T/BIX,ABEX,BIEX,TT(2A) (BUTANOL/BIX,ABEX,BIEX,T
 T) OR TERT/BIX,ABEX,BIEX,TT(2A)BUTANOL/BIX,ABEX,BIEX,TT OR
 TRIMETHYLCARBINOL/BIX,ABEX,BIEX,TT OR TRIMETHYLMETHANOL/BIX,ABE
 X,BIEX,TT

L127 4849 SEA ABB=ON PLU=ON (L123 OR L124 OR L125 OR L126)
 E ISOBUTYLENE/CN
 L128 5 SEA ABB=ON PLU=ON (ISOBUTYLENE/CN OR "ISOBUTYLENE GLYCOL"/CN
 OR "ISOBUTYLENE SULFIDE"/CN OR ISOBUTYLENE-ETHYLENE-COPOLYMER/C
 N OR ISOBUTYLENE-GLYCOL/CN OR ISOBUTYLENE-ISOPRENE-RUBBER/CN
 OR ISOBUTYLENEGLYCOL/CN)
 D TOT SDCN DCSE
 L129 10633 SEA ABB=ON PLU=ON (RA56AT OR R00966 OR RA1Y8T OR RA0C35 OR
 RACKSB)/DCN
 L130 0 SEA ABB=ON PLU=ON (7533-0-0-0 OR 7536-0-0-0 OR 26202-0-0-0
 OR 199359-0-0-0 OR 820929-0-0-0)/DCRE
 L131 12844 SEA ABB=ON PLU=ON ISOBUTYLENE?/BIX,ABEX,BIEX,TT OR ISO/BIX,AB
 EX,BIEX,TT(2A) (BUTYLENE/BIX,ABEX,BIEX,TT OR BUTENE/BIX,ABEX,BIE
 X,TT) OR (2/BIX,ABEX,BIEX,TT OR TWO/BIX,ABEX,BIEX,TT) (2A) (METHY
 LPROPYLENE/BIX,ABEX,BIEX,TT OR METHYLPROPENE/BIX,ABEX,BIEX,TT)
 OR ISOBUTENE/BIX,ABEX,BIEX,TT OR ISOBUTYLENE/BIX,ABEX,BIEX,TT
 OR ISOPROPYLIDENEMETHYLENE/BIX,ABEX,BIEX,TT
 L132 18990 SEA ABB=ON PLU=ON (L128 OR L129 OR L130 OR L131)
 E WATER/CN
 L133 1 SEA ABB=ON PLU=ON WATER/CN
 D TOT SDCN DCSE
 L134 24032 SEA ABB=ON PLU=ON R01740/DCN
 L135 0 SEA ABB=ON PLU=ON 3-0-0-0/DCRE
 L136 1608483 SEA ABB=ON PLU=ON WATER/BIX,ABEX,BIEX,TT OR H2O/BIX,ABEX,BIEX
 ,TT OR H/BIX,ABEX,BIEX,TT(2A) (2/BIX,ABEX,BIEX,TT OR TWO/BIX,ABE
 X,BIEX,TT) (2A) (O/BIX,ABEX,BIEX,TT OR O2/BIX,ABEX,BIEX,TT)
 L137 1612187 SEA ABB=ON PLU=ON (L133 OR L134 OR L135 OR L136)
 L138 395 SEA ABB=ON PLU=ON L127 AND L132 AND L137
 L139 7166 SEA ABB=ON PLU=ON CATION EXCHANGE/BIX,ABEX,BIEX,TT(5A) (RESIN?
 /BIX,ABEX,BIEX,TT OR CATALYST?/BIX,ABEX,BIEX,TT)
 E POLYSTYRENESULFONIC ACID/CN
 L140 1 SEA ABB=ON PLU=ON POLYSTYRENE-SULFONIC-ACID/CN
 E PHENOLSULFONIC ACID/CN
 L141 1 SEA ABB=ON PLU=ON "PHENOLSULFONIC ACID - ALUMINUM SALT,
 4-"/CN
 E PERFLUOROSULFINIC/CN
 E PERFLUOROSULFONIC/CN
 E PERFLUORO/CN
 E PERFLUOROS/CN
 L142 464 SEA ABB=ON PLU=ON POLYSTYRENESULFONIC ACID?/BIX,ABEX,BIEX,TT
 OR PHENOLSULFONIC ACID?/BIX,ABEX,BIEX,TT OR PERFLUOROSULFONIC
 ACID?/BIX,ABEX,BIEX,TT
 L143 6770 SEA ABB=ON PLU=ON CATION-EXCHANGE RESIN?/BIX,ABEX,BIEX,TT
 L144 2 SEA ABB=ON PLU=ON (L140 OR L141)
 D TOT SDCN DCSE L144
 L145 122 SEA ABB=ON PLU=ON (R12808 OR RA06G0)/DCN
 L146 0 SEA ABB=ON PLU=ON (132562-0-0-0 OR 151728-0-0-0)/DCRE
 L147 7734 SEA ABB=ON PLU=ON (L139 OR L140 OR L141 OR L142 OR L143 OR
 L144 OR L145 OR L146)
 L148 30 SEA ABB=ON PLU=ON L138 AND L147
 D KWIC
 L149 1 SEA ABB=ON PLU=ON L148 AND (L57 OR L62)
 L150 23 SEA ABB=ON PLU=ON L148 AND ACID?/BIX,ABEX,BIEX,TT
 L151 9 SEA ABB=ON PLU=ON L148 AND SOLVENT?/BIX,ABEX,BIEX,TT
 L152 30 SEA ABB=ON PLU=ON (L148 OR L149 OR L150 OR L151)
 E SULFONE/CN
 L153 9 SEA ABB=ON PLU=ON (SULFONE/CN OR "SULFONE, BIS-(3,5-DIBROMO-4
 -ALLYLOXYPHENY)/CN OR "SULFONE, BIS-(TRICHLOROMETHYL)-"/CN OR
 "SULFONE, DI-(1,3-AZIDOPHENYL)-"/CN OR "SULFONE, 2,4'-DIHYDROXYD
 IPHENYL-"/CN OR "SULFONE, 4,4'-DIAZIDODIPHENYL-"/CN OR "SULFONE,

BIS-4-ALLYLOXYPHENYL-"/CN OR "SULFONE,BIS-CHLOROMETHYL-"/CN OR
"SULFONE,BIS-TRICHLOROMETHYL-"/CN OR "SULFONIC ACID"/CN)
E DIMETHYL SULFONE/CN

E ACETIC ACID/CN

L154 1 SEA ABB=ON PLU=ON "ACETIC ACID"/CN
L155 10 SEA ABB=ON PLU=ON (L153 OR L154)
D TOT SDCN DCSE
L156 8540 SEA ABB=ON PLU=ON (R00247 OR R07345 OR RAGIJE OR R00472 OR
R07664 OR R09718 OR R09530 OR R09734 OR R12539 OR R11525 OR
R12469 OR R12889 OR RAEIIS)/DCN
D TOT SDCN DCSE L155
L157 0 SEA ABB=ON PLU=ON (1-0-0-0 OR 2659-0-0-0 OR 92280-0-0-0 OR
130889-0-0-0 OR 131975-0-0-0 OR 131996-0-0-0 OR 132294-0-0-0
OR 132334-0-0-0 OR 188114-0-0-0 OR 913485-0-0-0)/DCRE
L158 8550 SEA ABB=ON PLU=ON (L153 OR L154 OR L155 OR L156 OR L157)
L159 0 SEA ABB=ON PLU=ON L138 AND L1583/BIX,ABEX,BIEX,TT
L160 9 SEA ABB=ON PLU=ON L138 AND L158
L161 38 SEA ABB=ON PLU=ON (L152 OR L160)
L162 65 SEA ABB=ON PLU=ON L138 AND (CARBOXYLIC ACID?/BIX,ABEX,BIEX,TT
)
L163 3 SEA ABB=ON PLU=ON L162 AND L147
L164 38 SEA ABB=ON PLU=ON (L161 OR L163)
L165 65 SEA ABB=ON PLU=ON L138 AND L110
L166 3 SEA ABB=ON PLU=ON L165 AND (CATION/BIX,ABEX,BIEX,TT(2A) EXCHAN
GE?/BIX,ABEX,BIEX,TT)
L167 10 SEA ABB=ON PLU=ON L165 AND (RESIN?/BIX,ABEX,BIEX,TT)
L168 5 SEA ABB=ON PLU=ON L165 AND (ION/BIX,ABEX,BIEX,TT(2A) EXCHANGE?
/BIX,ABEX,BIEX,TT)
L169 5 SEA ABB=ON PLU=ON L165 AND (ION/BIX,ABEX,BIEX,TT(4A) EXCHANGE?
/BIX,ABEX,BIEX,TT)
L170 11 SEA ABB=ON PLU=ON (L166 OR L167 OR L168 OR L169)
L171 44 SEA ABB=ON PLU=ON (L170 OR L164)
L172 849 SEA ABB=ON PLU=ON CATALYTIC/BIX,ABEX,BIEX,TT(5A) DISTILLAT?/BI
X,ABEX,BIEX,TT
L173 8 SEA ABB=ON PLU=ON L138 AND L172
L174 51 SEA ABB=ON PLU=ON (L173 OR L171)

FILE 'STNGUIDE' ENTERED AT 14:40:07 ON 16 JAN 2007

FILE 'HCAPLUS' ENTERED AT 14:40:35 ON 16 JAN 2007

E KOIZUMI A/AU

L175 141 SEA ABB=ON PLU=ON ("KOIZUMI A"/AU OR "KOIZUMI ATSUSHI"/AU)
E OGAWA A/AU
L176 888 SEA ABB=ON PLU=ON ("OGAWA A"/AU OR "OGAWA AKIRA"/AU)
L177 3 SEA ABB=ON PLU=ON L175 AND L176
L178 3 SEA ABB=ON PLU=ON (L3 OR L177)
L179 4 SEA ABB=ON PLU=ON (L175 OR L176) AND L26
L180 6 SEA ABB=ON PLU=ON (L177 OR L178 OR L179)

FILE 'HCAPLUS, MEDLINE, EMBASE, BIOSIS, WPIX' ENTERED AT 14:42:05 ON 16
JAN 2007

L181 1807 SEA ABB=ON PLU=ON KOIZUMI A?/AU
L182 6544 SEA ABB=ON PLU=ON OGAWA A?/AU
L183 4 SEA ABB=ON PLU=ON L181 AND L182
D QUE L17
L184 21 SEA ABB=ON PLU=ON (L181 OR L182) AND ((TERT(3A) BUTYL
ALCOHOL?) OR (T(2A) BUTANOL) OR (TERT(2A) BUTANOL) OR (TRIMETHY
LCARBINOL) OR (T(2A) BUTANOL) OR (TERT(2A) BUTANOL) OR
(TRIMETHYLCARBINOL))
D QUE L20

L185 15 SEA ABB=ON PLU=ON L184 AND (ISOBUTYLENE? OR ISO(2A) (BUTYLENE
OR BUTENE) OR (2 OR TWO) (2A) (METHYLPROPYLENE OR METHYLPROPENE)
OR ISOBUTENE OR ISOBUTYLENE OR ISOPROPYLIDENEMETHYLENE)

L186 14 DUP REM L185 (1 DUPLICATE REMOVED)
ANSWERS '1-11' FROM FILE HCAPLUS
ANSWERS '12-14' FROM FILE WPIX

L187 6 SEA ABB=ON PLU=ON L186 AND (WATER OR H2O OR H(2A) (2 OR
TWO) (2A) (O OR O2))
D KWIC L186

L188 9 SEA ABB=ON PLU=ON (L183 OR L187)

L189 20 DUP REM L184 (1 DUPLICATE REMOVED)
ANSWERS '1-17' FROM FILE HCAPLUS
ANSWERS '18-20' FROM FILE WPIX

L190 13 SEA ABB=ON PLU=ON (L186 OR L187 OR L188)

FILE 'STNGUIDE' ENTERED AT 14:49:46 ON 16 JAN 2007

D QUE L180
D QUE L190
D QUE L122
D QUE L80
D QUE L108
D QUE L174

FILE 'HCAPLUS, MEDLINE, EMBASE, WPIX' ENTERED AT 14:50:52 ON 16 JAN 2007

L191 99 DUP REM L180 L190 L122 L80 L108 L174 (19 DUPLICATES REMOVED)
ANSWERS '1-51' FROM FILE HCAPLUS
ANSWERS '52-53' FROM FILE MEDLINE
ANSWERS '54-56' FROM FILE EMBASE
ANSWERS '57-99' FROM FILE WPIX
D IBIB ABS HITIND RETABLE L191 1-51
D IBIB ABS L191 52-56
D ALL ABEQ TECH L191 57-99

FILE HOME

FILE HCAPLUS

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 16 Jan 2007 VOL 146 ISS 4
FILE LAST UPDATED: 15 Jan 2007 (20070115/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

FILE STNGUIDE
FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Jan 12, 2007 (20070112/UP).